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TABLE I

TOPICS FOR THE BAY-DELTA HEARING

PHASE I

- 1. Hydrologic Conditions
- 2. Uses Within the Bay-Delta Estuary
 - A. Agricultural
 - B. Municipal and Industrial
 - C. Wildlife
 - D. Striped Bass Fishery
 - E. Chinook Salmon Fishery
 - F. Other Migrating and Resident Fish
- 3. Uses Within Export Areas
 - A. Agricultural
 - B. Municipal and Industrial
 - C. Other Uses
- 4. Uses Upstream of the Bay-Delta Estuary
 - A. Agricultural
 - B. Municipal and Industrial
 - C. Other Uses
- 5. Impacts of Freshwater Inflow on San Francisco Bay
- 6. Pollutants in the Bay-Delta Estuary
- 7. Program of Implementation

PHASE II

- 1. Pollutant Policy Document
- Draft Water Quality Control Plan for Salinity in the Bay-Delta Estuary

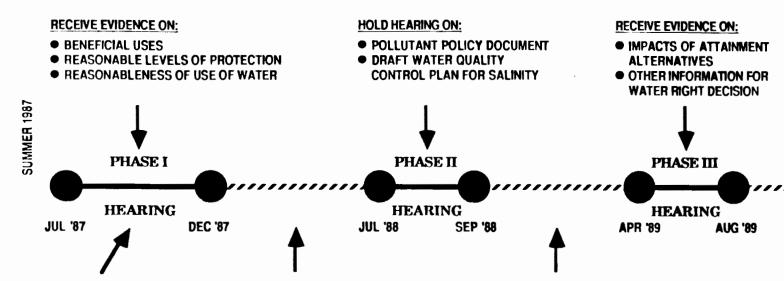
PHASE III.

- 1. Impacts of Attainment Alternatives
- 2. Other Information Needed for a Water Right Decision

PLATE 1

SCHEDULE FOR THE BAY-DELTA HEARING PI

REVISED JANUARY 19, 1987



ASSISTANCE BY REGIONAL WATER QUALITY CONTROL BOARDS 2 AND 5 (SAN FRANCISCO BAY AND CENTRAL VALLEY) (SEE PLATE 2)

DEVELOP AND CIRCULATE:

- DRAFT WATER QUALITY CONTROL PLAN FOR SALINITY
 - IDENTIFIES BENEFICIAL USES
 - SET OBJECTIVES FOR REASONABLE LEVELS OF PROTECTION OF BENEFICIAL USES
 - SETS FORTH PROGRAM OF IMPLEMENTATION
- POLLUTANT POLICY DOCUMENT
 - SETS STATE POLICY ON REGULATION OF POLLUTANTS IN THE BAY/DELTA ESTUARY
 - WILL BE USED BY REGIONAL
 BOARDS 2 AND 5 IN THE UPDATE
 OF THEIR BASIN PLANS

ADOPT:

- WATER QUALITY CONTROL PLAN FOR SALINITY
- POLLUTANT POLICY DOCUMENT

DEVELOP AND CIRCULATE:

- WATER RIGHT ATTAINMENT ALTERNATIVES
 - ALTERNATIVES FOR ENFORCING OBJECTIVES IN THE SALINITY CONTROL PLAN THROUGH AMENDMENT OF WATER RIGHT PERMITS AND LICENSES
 - ADDRESSES THE SALINITY
 CONTROL PLAN'S PROGRAM
 OF IMPLEMENTATION ELEMENTS
 RELATING TO WATER RIGHTS

DEVEL

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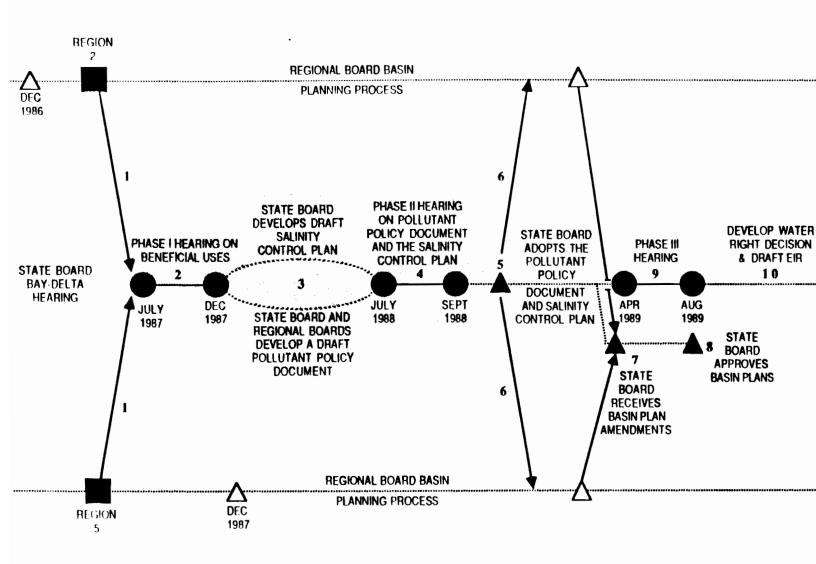
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SCHEMATIC OF THE STATE BOARD BAY-DELTA HEARING PROCESS AND REGIONAL BOARD INVOLVEMENT

(REVISED JANUARY 19, 1987)





STATE AND REGIONAL BOARD ACTIVITIES IN THE BAY-DELTA HEARING PROCESS (The following descriptions correspond to the numbers in the schematic)

- 1. Regional Water Quality Control Boards, Regions 2 & 5 participate in the State Board Bay-Delta hearing process.
- 2. Phase I Hearing--State & Regional Boards receive evidence on:
 - Beneficial uses of the Bay-Delta Waters
 - Reasonable levels of protection
 - Reasonableness of use of water
- 3. Based on the evidence received:
 - State Board staff, under the guidance of State Board members, will develop and circulate for review a draft Pollutant Policy Document. This document will be developed in consultation with Regional Board representatives.
 - State Board staff, under guidance of State Board members, will develop and circulate for review a draft Water Quality Control Plan for Salinity (Salinity Control Plan).
- 4. Phase II Hearing
 - State Board conducts a hearing to receive public comments on the draft Pollutant Policy Document and then on the draft Salinity Control Plan. The Regional Boards will be asked to participate in the first part of Phase II when the draft Pollutant Policy Document is discussed.
- 5. Adoption of Pollutant Policy Document and Bay-Delta Water Quality Control Plan for Salinity
 - The State Board adopts the Pollutant Policy Document and forwards it to the Regional Boards for use in reviewing and updating their Basin Plans.
 - The State Board adopts the Water Quality Control Plan for Salinity. Subsequently the State Board compiles and circulates for review a document titled Water Right Attainment Alternatives.

- 6. In compliance with the State Board Pollutant Policy Document, Regional Boards review and update their Basin Plans.
- 7. Regional Boards submit their updated Basin Plans to the State Board for review and approval prior to start of the Phase III hearing.
- 8. The State Board will review the Basin Plan amendments adopted by the Regional Boards prior to close of Phase III hearing record. Once the State Board approves these plans, they will transmit the Regional Board Basin Plans and the Bay-Delta Salinity Control Plan to the Environmental Protection Agency for consideration. The Basin Plans will then be introduced into evidence as part of the Phase III hearing record.
- 9. Phase III Hearing--State Board receives evidence on:
 - Impacts of the Water Right Attainment Alternatives.
 - Other information needed for a Water Right Decision.
- 10. Based on evidence received, the State Board will:
 - Develop and circulate a draft Environmental Impact Report.
 - Develop a draft Water Right Decision.
 - Compile a final Environmental Impact Report
- 11. The State Board adopts a Final Environmental Impact Report then a Water Right Decision.
- 12. Based on the allocation of flows in the water right decision, Regional Boards continue the ongoing basin planning process in accordance with routine review procedures.

STATE WATER RESOURCES CONTROL BOARD

PAUL R. BONDERSON BUILDING 901 P STREET P.O. BOX 100 SACRAMENTO, CALIFORNIA 95801

(916) 324-5757



NOTICE OF PUBLIC HEARING

PHASE I OF THE BAY-DELTA ESTUARY HEARING

The dates, times, topics, and places for the first two months of the hearing are listed in Attachment A.

Future supplemental notices will provide the dates, times, topics and places for subsequent months.

HEARING SUBJECTS

- The beneficial uses within and outside of the San Francisco Bay and Sacramento-San Joaquin Delta Estuary (Bay-Delta Estuary);
- 2. The reasonable protection in terms of flow and salinity levels that the beneficial uses should be given considering the uses of the water within and outside of the Estuary;
- 3. The impacts of pollutants (other than ocean derived salinity) on the beneficial uses;
- 4. The means for implementing any flow or salinity objectives that are set for the Bay-Delta Estuary; and
- 5. The means for identifying and mitigating any adverse impacts on the beneficial uses that may result from pollutants.

KEY ISSUE:

What water quality objectives will ensure the reasonable protection of beneficial uses of the water of the Bay-Delta Estuary?

BACKGROUND:

The Bay-Delta hearing is a planned three part hearing to obtain evidence that will allow the State Water Resources Control Board (State Board) and the

 $^{^{}m l}$ For purposes of this hearing, "water quality objectives" include flow levels, salinity objectives, and pollutant objectives.

Regional Water Quality Control Boards for Regions 2 (San Francisco Bay) and 5 (Central Valley) to (1) review the existing water quality objectives for the water of the Bay-Delta Estuary (Phase I), (2) revise the objectives if necessary, establish new objectives if needed and prepare a program of implementation (Phase II), and (3) implement the new or revised objectives (Phase III). Implementation of the objectives may include water quality controls, actions by other agencies beyond the control of the State Board, and the addition of terms and conditions to existing water right permits and licenses. It also may include the regulation of other water rights within the Bay-Delta hydrologic basin.

Evidence received in Phase I will have four uses. First, it will be used to prepare a draft water quality control plan for the control of salinity (salinity control plan). Second, it will be used together with evidence received during the third phase of the hearing to prepare a water right decision. Third, it will be used by the State Board to develop a pollutant policy document which will provide guidance to Regional Water Quality Control Boards 2 and 5 in the review of their water quality control plans that cover the Bay-Delta Estuary. Fourth, it will be used by the Regional Boards to review and amend their plans. (The amended plans must be approved by the State Board before they become effective.)

Evidence for Phase I should be designed to facilitate development of the salinity control plan and to allow for consideration of control of pollutants in the waters of the Bay-Delta Estuary. Evidence concerning uses outside the Estuary, to determine reasonable levels of protection, should include such matters as the amounts of water used in a regional area, the types of uses, projections of future needs, and amounts of water produced within the Bay-Delta hydrologic basin. The salinity control plan, the pollutant policy document, and the regional boards' plan amendments will not allocate water. (Water allocation will occur after the Phase III hearing which will include the Phase I hearing record and sufficient additional evidence upon which to base an allocation decision.)

EFFECT ON WATER RIGHTS

Although Phase I of the hearing will focus on obtaining evidence that can be used in preparing water quality control plans and a pollutant policy, the evidence received in Phase I also will be used in the preparation of a water right decision that will implement parts of the water quality control plan. Therefore, all holders of water rights from the hydrologic basin of the Bay-Delta Estuary are advised that the evidence received in both Phase I and Phase III will be available to evaluate their water rights after Phase III.

A list of the known water right holders whose rights may be affected by this proceeding is available upon request. Because of its length (over 5,000 names), it will not be distributed without a request. Parties wishing to have a copy of the list may contact Mr. Beringer or Mr. winternitz, at the address shown on page 6 or by calling the telephone numbers listed on page 6.

REGIONAL BUARD PARTICIPATION

During Phase I, representatives of the Regional Water Quality Control Boards of the San Francisco Bay Basin and the Central Valley Basin (Regional Boards 2 and 5) will sit with the State Board when it receives evidence on water quality in the Bay-Delta Estuary. These two regional boards have within their jurisdictions the Bay-Delta Estuary, and they are responsible for the adoption and maintenance of water quality control plans that address the effects on the waters of the Bay-Delta Estuary of all pollutants except salinity. They will assist the State Board in preparing the pollutant policy document which will guide their basin plan amendment process. They will hold hearings separately from the Bay-Delta hearing on the amendments or revisions of their plans.

Regional Boards 2 and 5 also will be asked to submit as evidence relevant data they have on water quality within the Bay-Delta Estuary.

Finally, Regional Boards 2 and 5 will be asked to advise and assist the State Board in differentiating between the effects of salinity on beneficial uses in the Estuary and the effects of other pollutants on beneficial uses in the Estuary.

HEARING TOPICS AND ISSUES:

During Phase I, the Board will receive evidence on the topics and issues set forth in the Staff Summary for Hearing. (Attachment B)

PROCEDURAL INFORMATION:

PLEASE TAKE NOTICE that the following special procedural requirements will apply. Phase I of the hearing will be conducted in accordance with the regulations of the Board for water right hearings, set forth at 23 Cal.Admin.Code § 761 et seq.

Notice of Intent to Appear: By the presubmittal date for any topic upon which a party wishes to submit evidence or participate, each party shall submit to the Board a Notice of Intent to Appear, using the attached form. (Attachment C) For each witness designated as an expert witness, attach a statement of the expert witness' qualifications and assign an exhibit number to the statement of qualifications. Each party shall also submit thirty-eight copies of each Notice of Intent to Appear, for the Board's and other parties' use.

2. Evidence:

a. Direct Testimony

Each party proposing to present direct testimony as evidence during Phase I of the hearing shall, by the presubmittal date for a topic upon which the party wishes to submit evidence, submit to the Board thirty-eight copies of a summary in outline form of the testimony of the party's witnesses. The summary must be sufficiently detailed to

apprise the Board and the parties of the points to be made in the testimony and the sources, including exhibits, upon which the testimony will rely or to which it will refer, the conclusions to be reached, and the length and complexity of the testimony. Acceptance of direct testimony outside the scope of the written summary must be justified and will be at the discretion of the hearing officer. Crossexamination and redirect examination of the witness will follow direct testimony. At the discretion of the hearing officer cross and redirect examination may be conducted individually for each witness, or with a panel of witnesses.

b. Exhibits

Each party proposing to present exhibits shall, by the presubmittal date for the topic during which the exhibits will first be introduced or referenced, submit thirty-eight copies of each exhibit to the Board, together with thirty-eight copies of an index of the exhibits. The index format is illustrated in Attachment D. An exhibit being offered in evidence should be substantiated by testimony unless it is a well-known, recognized, reliable, and otherwise admissible publication of a governmental agency or its use is stipulated to by all parties.

Public records of the Board and bulletins and reports which have been widely published, if otherwise admissible, may in the discretion of the Board be received into evidence by reference without the necessity of supplying copies, provided the original or a copy is in the possession of the Board. Each such document shall be identified and designated by number in the record as an exhibit of the party or the Board's staff. The parties offering such documents shall include the referenced documents in their lists of exhibits.

Generally, the Board will exclude exhibits which rely on data or technical documents that are not publicly available or accessible unless the data or documents are made public and admitted as exhibits. All parties who intend to use data not presently publicly available must take steps to make the data accessible to the public.

In the exhibit list (illustrated in Attachment D), the offering party shall list each exhibit by number and describe the nature of the exhibit's contents, the purpose for which the exhibit will be used, and (for exhibits offered by reference) the title of the exhibit and the particular portions relied upon.

c. Rebuttal:

The Board will allow parties to present evidence solely for the purpose of rebuttal without presubmittal of the rebuttal evidence.

d. Distribution of Summaries of Direct Testimony, Indexes of Exhibits, Exhibits, and Notices of Intent to Appear:

A party proposing to offer an exhibit (including any summary of direct testimony) in evidence shall state how the exhibit can be obtained and

the cost of its reproduction. This will enable interested parties to order their own copies if desired. Originators of exhibits or summaries of direct testimony must furnish a copy of an exhibit or summary within ten days of receipt of a request for it and tender of payment. Failure to timely furnish copies for which payment has been made may result in exclusion of the exhibit or testimony.

The Board will loage three copies of the exhibits, indexes, notices of intent to appear, and summaries of direct testimony in each of the seven locations listed in Attachment B, for the use of the parties. For those parties not conveniently located to a loaging location, the Board will maintain three copies for lending. Mailing costs for the loaned exhibits will be borne by those requesting them.

Additionally, the Board will reproduce and mail copies of all indexes of exhibits and all Notices of Intent to Appear to each of the parties who has submitted a Notice of Intent to Appear or has specially requested from the Board's staff copies of these documents.

3. Opening Statements and Closing Briefs:

At the beginning of each presentation during each topic of hearing, the parties or their attorneys will be given the opportunity to make statements, orally or in writing, which briefly and concisely state what the proposed testimony and exhibits are intended to establish, and how the evidence should be used by the Board to meet its legal responsibilities. If a party or attorney chooses to file a written opening statement, the written statement shall be filed at least ten days before the commencement of the party's evidentiary presentation. At the end of Phase I of the hearing, time will be allowed for filing of briefs, as directed by the Board.

4. Policy Statements:

At specific predetermined times during the hearing (see Attachment A), persons who wish to make nonevidentiary policy or position statements will be allowed to do so without being sworn or cross-examined, and without filing a Notice of Intent to Appear. Such statements will be used in the same manner as opening or closing statements or arguments. It should be clearly understood that they do not constitute evidence. Policy statements include the policy views and position of the speaker, non-expert analysis of previously presented evidence, and argument concerning the contents of environmental documents. Such speakers shall not attempt to use their statements to present evidence of facts, either orally or by introduction of exhibits. At the discretion of the hearing officer, questions may be addressed to persons making policy statements, for the purpose of clarifying their statements.

5. Submission of Materials:

All Notices of Intent to Appear, written summaries of testimony, lists of exhibits, and exhibits submitted to the Board should be addressed as follows:

David Beringer, Manager Bay-Delta Program Division of Water Rights P. O. Box 2000 Sacramento, CA 95810

QUESTIONS

If you have questions about this notice, please call David Beringer, Program Manager, at (916) 322-9870, Barbara Leidigh, Senior Staff Counsel, at (916) 324-5757, or Leo Winternitz, Senior Environmental Specialist, at (916) 324-5751.

PARKING AND ACCESSIBILITY

For those driving to the hearing, directions to the nearing locations and to public parking locations are contained in Attachment A.

All hearing locations are accessible to persons with disabilities.

Maureen Marche'

Administrative Assistant to the

State Water Resources Control Board

Date: March 27, 1987

HEARING PROCESS SAN FRANCISCO BAY / SACRAMENTO - SAN JOAGUIN DELTA ESTUARY

HEARING SCHEDULE AND LOCATION

HEARING PHASE I

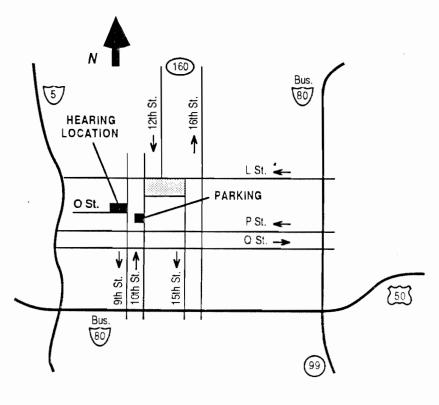
9:00 AM 9:00 AM	Hydrologic Conditions	May 8	Sacramento Inn Comstock Room		
9:00 AM			Comstock Room		
9:00 AM			Sacramento		
	Bay-Delta Estuary Uses: Municipal & Industrial	May 22	Resources Building First Floor Auditorium Sacramento		
9:00 AM	Bay-Delta Estuary Uses: Agriculture	May 28	Resources Building First Floor Auditorium		
			Sacramento		
7:30 PM	Bay-Delta Estuary Uses:		Resources Building First Floor Auditorium		
4	To they statements		Sacramento		
9:00 AM	Export Uses:	June 12	Registry Hotel		
	Municipal & Industrial		Irvine		
7:30 PM	Export Uses:		Registry Hotel		
	Policy Statements		Irvine.		
9:00 AM	Export Uses;: Agriculture & Other	June 25	Piccadilly Inn Concourse Ballroom Fresno		
7:30 PM	Export Uses: Policy Statements		Piccadilly Inn Concourse Ballroom Fresno		
9:00 AM	- Export Uses: Agriculture & Other	June 25	Piccadilly Inn Commerce Room Fresno		
	7:30 PM 9:00 AM 7:30 PM 7:30 PM	9:00 AM Bay-Delta Estuary Uses: Agriculture 7:30 PM Bay-Delta Estuary Uses: Policy Statements 9:00 AM Export Uses: Policy Statements Export Uses: Policy Statements 9:00 AM Export Uses: Agriculture & Other Export Uses: Policy Statements Export Uses: Agriculture & Other Export Uses: Policy Statements	9:00 AM Bay-Delta Estuary Uses: May 28 7:30 PM Bay-Delta Estuary Uses: Policy Statements 9:00 AM Export Uses: June 12 7:30 PM Export Uses: Policy Statements 9:00 AM Export Uses: June 25 Agriculture & Other 7:30 PM Export Uses: June 25 Agriculture & Other 7:30 PM Export Uses: June 25		



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Sacramento Inn 1401 Arden Way Sacramento, CA 95815 (916) 922-8041

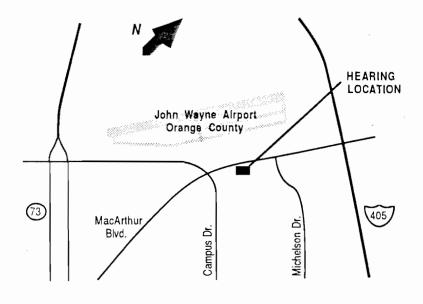
Hearing Location: Comstock Room

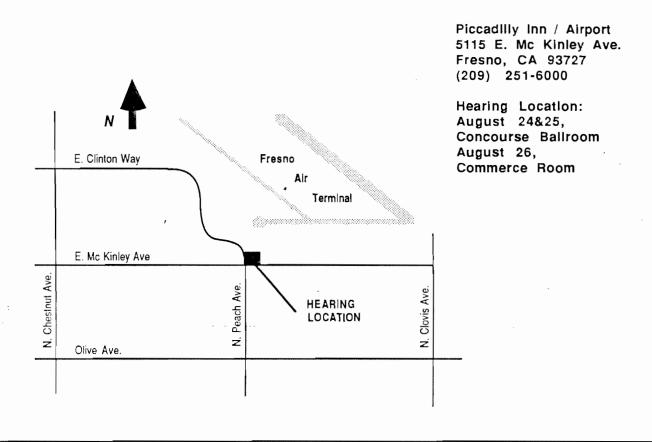


State Resources Building 1416 Ninth Street Sacramento, CA 95814 (916) 445-3758

Hearing Location: First Floor Auditoriun

Registry Hotel 18800 MacArthur Blvd. Irvine, CA 92715 (714) 752-8777





HEARING PROCESS

SAN FRANCISCO BAY SACRAMENTO - SAN JOAQUIN DELTA ESTUARY

STAFF SUMMARY FOR HEARING

HEARING PHASE I

STATE WATER RESOURCES CONTROL BOARD

State of California State Water Resources Control Board Division of Water Rights

Staff Summary for Hearing Process on the San Francisco Bay/Sacramento-San Joaquin Delta Estuary

Summary of Record

On August 16, 1978 the State Water Resources Control Board (Board) adopted Decision 1485 (D-1485). This decision was an exercise of the Board's reserved jurisdiction to establish or revise terms and conditions for salinity control, for protection of fish and wildlife and to coordinate the terms of the various permits for the State Water Project and Central Valley Project in the Sacramento-San Joaquin Delta (Delta). In addition to D-1485, the Board adopted a Water Quality Control Plan which contained the salinity control and flow related water quality objectives for the protection of beneficial uses of the waters of the Delta and Suisun Marsh. Historically, beneficial uses have been classified under three broad categories: (1) fish and wildlife, (2) agriculture, and (3) municipal and industrial.

The adoption of these two documents represented an effort by the Board to develop and implement a single comprehensive set of water quality objectives related to flow levels and salinity control to protect the beneficial uses of Delta water supplies.

During the period of adoption, however, the Board recognized that conditions could not be set for the Delta and Suisun Marsh of unlimited duration because of the uncertainty associated with development and expansion of future project facilities and operations, and the continued variation of water quality conditions. Therefore, the Board exercised its authority of reserved jurisdiction for the succeeding eight years and planned on reopening the water quality hearings in 1986 to allow for the renewal of existing water quality objectives.

Geographic Setting

Sacramento-San Joaquin Delta

The Delta, as defined in Section 12220 of the California Water Code, is a roughly triangular area extending from Chipps Island near Pittsburg on the west, to Sacramento on the north, and to the Vernalis Gaging Station on the San Joaquin River in the south. The total surface area is approximately 738,000 acres with a water surface area of over 48,000 acres, and 86 islands or islets with about 500,000 irrigable acres. There are about 700 miles of waterways with an aggregate navigable length in excess of 550 miles.

Suisun Marsh

Suisun Marsh is the largest remaining wetland in the state, and as defined in Section 29101 of the California Public Resources Code, is an intricate landwater area of marshland, ponds, sloughs, and estuaries which provides habitat for a large variety of plants, mammals, fish and avifauna. In size, it consists of approximately 85,000 acres of marshlands, bays and waterways. These wetlands are a unique and highly productive interface between fresh and salt water environments. Today approximately ninety percent is brackish or freshwater marsh and the remaining is salt marsh.

Suisun Marsh is located in southern Solano County, south of the cities of Fairfield and Suisun City. It is bordered on the south by Suisun Bay, Honker Bay and the confluence of the Sacramento and San Joaquin Rivers, on the west by State Highway 21 running from Benecia to Cordelia, on the north by Cordelia Road to the city of Suisun, and on the east from Denverton along Shiloh Road to Collinsville.

San Francisco Bay

San Francisco Bay (Bay) is located at the mouth of the Sacramento-San Joaquin Delta which is the outlet for the Sacramento and San Joaquin Rivers which drain about forty percent of the State. The Bay is composed of three primary regions, these are: (1) the South Bay which stretches from the Oakland-Bay Bridge on the north, to San Jose on the southern edge; (2) the Central Bay which is the area between the Richmond-San Raphael Bridge and the Oakland-Bay Bridge; and (3) San Pablo Bay to the north which encompasses an area from the Richmond-San Raphael Bay bridge on the south side to the Petaluma River on the north and the Carquinez Strait on the east.

Although the Bay covers an area of approximately 480 square miles, the Bay is very shallow. About two-thirds is less than 18 feet deep at low tide. In the South Bay and San Pablo Bay, the depth of the water up to two or more miles offshore may, at low tide, be 5 to 6 feet deep or less.

San Francisco Bay is also the focal point of many commercial, industrial and recreational uses. The Bay provides deep water ports, commercial and sport fisheries, salt production, cooling water for industry and numerous tourist industries. It also provides recreational and aesthetic values for boaters, fishermen, swimmers, hikers and naturalists.

The Bay is also the largest estuary in California which makes it an important wildlife habitat resource. Not only does it provide extensive habitat for resident fish and wildlife, but it is also an important habitat for many species of migratory fish, waterfowl and shorebirds. The marshlands bordering the Bay now total about 75 square miles.

Bay-Delta Hearing Topics and Issues for Phase I

The issues listed in this part are not inclusive and are not intended to exclude other issues relevant to the topics listed in this part. In particular, while there is a topic in Phase I in which pollutants will be emphasized, and in which most of the evidence on pollutants should be presented, relevant nonrepetitive evidence regarding pollutants will not be excluded during time slots set aside for other topics in Phase I.

Through Phase I, the Board seeks evidence that can be used to develop water quality objectives. For purposes of this hearing, "water quality objectives" include flow levels, salinity objectives, and pollutant objectives.

Phase I: TOPICS AND ISSUES--DETERMINATION OF REASONABLE LEVELS OF PROTECTION FOR THE BAY-DELTA'S BENEFICIAL USES

Topic

1. Hydrologic Conditions

This topic covers several subjects that the Board will consider when developing reasonable water quality objectives for maintaining beneficial uses in the Bay-Delta Estuary. Specifically, the Board will hear evidence on the following:

- a. Hydrologic conditions that parties recommend for consideration in developing water quality objectives for Bay-Delta beneficial uses.
- b. The water quality conditions in the Bay-Delta Estuary under the present level of development upstream and in the Estuary.
- c. The flow and salinity in the Bay-Delta Estuary under natural flow conditions.

The following issues are associated with these subjects:

- o What are the existing water quality conditions in the Bay-Delta Estuary?
- o How have hydrology and salinity conditions in the Bay-Delta Estuary changed as a result of upstream development?
- o What are the effects of Delta inflow and outflow on salinity?
- o What are the flows and salinities in the Bay-Delta Estuary under natural flow conditions?
- o Should water year types of individual major basins contributing flows to the Delta be considered in determining flow and salinity objectives for the Bay-Delta Estuary? How can this be accomplished?
- Should water year types be used as a measure for adjustment of flow and salinity objectives in the Bay-Delta Estuary? Should a sliding scale be used instead of the stair-step method used in Water Right Decision 1485?
- o What period of record should the Board use in estimating hydrologic and salinity conditions?

Natural flow conditions—flow entering the Estuary under the present channel configuration, assuming no impairment or enhancement of flow.

Topic

- 2. Uses Within the Bay-Delta Estuary
 - A. Agricultural Uses (Northern, Southern, Central and Western Delta)

Testimony and evidence will be received regarding the objectives that parties believe will provide reasonable protection of Delta agriculture.

Issues

- o What specific water levels are needed in Delta channels to accommodate diversion for irrigation?
- o What are the short and long-term water quality needs (for both irrigation and leaching) of significant salt sensitive crops in the different agricultural areas of the Delta? What are these crops?
- o What is the appropriate use of the results of the "Delta Corn Study" in determining agricultural water quality objectives?
- o What are the agricultural management practices the Board should consider when developing flow and salinity objectives for the different areas of the Delta?
- o What actions in addition to the establishment of water quality objectives should the Board or Regional Boards 2 and 5 consider to achieve reasonable levels of protection for agricultural uses?
- o At what locations should water quality objectives be established and measured?
- B. Municipal and Industrial Uses

Evidence will be received on the effects of water quality on Bay-Delta municipal and industrial uses of water. Evidence will also be received on the reasonable water quality objectives parties believe will ensure protection of these beneficial uses.

- o What are the adverse effects of salinity and organics on municipal and industrial uses of water (including the formation of trihalomethanes in the water treatment process)? How can these effects be lessened with alternative forms of water treatment?
- o What are the reasonable municipal and industrial water quality objectives for the Bay-Delta Estuary?
- o What actions in addition to the establishment of water quality objectives should the Board or Regional Boards 2 and 5 consider to achieve reasonable levels of protection for municipal and industrial uses?
- o At what locations should water quality objectives be established and measured?

C. Wildlife

Evidence on the types of wildlife within the Bay-Delta Estuary will be received. Evidence will also be received on the reasonable needs of wildlife.

Issues

- o What types of wildlife inhabit the Bay-Delta Estuary?
- o Are there any wildlife species other than migrating and resident waterfowl that the Board should consider as a basis for setting reasonable water quality objectives?
- o What recreational, economic and other factors should be considered by the Board in developing reasonable levels of protection for wildlife?
- o What are reasonable levels of protection for wildlife of the Bay-Delta Estuary?
- o What are reasonable water quality objectives for wildlife of the Bay-Delta Estuary?
- o What actions in addition to the establishment of water quality objectives should the Board or Regional Boards 2 and 5 consider to achieve reasonable levels of protection for wildlife resoures?
- o At what locations should water quality objectives be established and measured?
- D. Striped Bass Fishery

Evidence regarding Delta flow, salinity, pollution, diversions and survival relationship of young striped bass will be received. The importance of other factors such as phytoplankton, zooplankton, and egg production will also be heard. Evidence will be received on the reasonable levels of protection to be provided young and adult striped bass.

- o How do Delta flows and diversions affect the abundance of young striped bass?
- o What is the importance of phytoplankton, zooplankton, striped bass egg production and other factors to the abundance of young striped bass?
- What is the relationship between the numbers of young striped bass and the numbers of adult striped bass recruited into the fishery?
- o What recreational, economic and other factors should be considered by the Board in developing reasonable levels of protection for the striped bass fishery?
- o What are the reasonable levels of protection for striped bass in the Bay-Delta Estuary?

- o What are the reasonable water quality objectives for striped bass in the Bay-Delta Estuary?
- o What actions in addition to the establishment of water quality objectives should the Board or Regional Boards 2 and 5 consider to achieve reasonable levels of protection for striped bass?
- At what locations should water quality objectives be established and measured?

E. Chinook Salmon Fishery

Evidence regarding salinity, Delta flow, diversions, pollutants, habitat requirements, and survival relationships for chinook salmon will be received. Evidence on the reasonable levels of protection to be provided young and migrating adult chinook salmon will be received.

Issues

- o How do Delta flows and diversions affect the abundance of chinook salmon?
- o What is the importance of phytoplankton, zooplankton, chinook salmon spawning requirements and other factors to the abundance of young salmon?
- o What is the relationship between the numbers of young chinook salmon and the numbers of adult chinook salmon recruited into the fishery?
- o What recreational, economic and other factors should be considered by the Board in developing reasonable levels of protection for chinook salmon?
- o What are the reasonable levels of protection for chinook salmon using the Bay-Delta Estuary?
- o What are the reasonable water quality objectives for chinook salmon in the Bay-Delta Estuary?
- o What actions in addition to the establishment of water quality objectives should the Board or Regional Boards 2 and 5 consider to achieve reasonable levels of protection for chinook salmon?
- o At what locations should water quality objectives be established and measured?
- F. Other Migrating and Resident Fish

Evidence regarding the effects of flow, salinity, pollutants and diversions on other types of migrating and resident fish in the Bay-Delta Estuary will be received. Evidence on reasonable levels of protection to protect these species will also be received.

Issues

- o What other migrating and resident fish of the Bay-Delta Estuary should be specifically accorded reasonable levels of protection?
- o How do Delta flows and diversions affect the abundance of other migrating and resident fish?
- What recreational, economic and other factors should be considered by the Board in developing reasonable levels of protection for other migrating and resident fish of the Bay-Delta Estuary?
- What are the reasonable levels of protection for other migrating and resident fish of the Bay-Delta Estuary?
- o What are the reasonable water quality objectives for other migrating and resident fish of the Bay-Delta Estuary?
- o What actions in addition to the establishment of water quality objectives should the Board or Regional Boards 2 and 5 consider to achieve reasonable levels of protection for other migrating and resident fish?
- o At what location should water quality objectives be established and measured?

Topic

3. Uses Within Export Areas

Under this topic the Board wishes to receive evidence regarding the State Water Project, the Federal Central Valley Project, reservoir operations, and other export uses of water. This topic includes uses of water in export areas, and estimates of future water demand. Evidence also will be received regarding alternative sources of water to meet existing and future demands. As part of this topic the Central Valley Project is asked to provide evidence regarding the effect on water uses of the changes it has proposed in its operations, including those proposed in the Coordinated Operations Agreement.

The evidence provided under this topic should provide region-wide statistics and estimates of the amount of water going to various uses. The evidence should be sufficiently detailed to allow the Board to take a global perspective of the state's water uses in determining the reasonable levels of protection for all the beneficial uses of the waters. In accordance with the appellate court decision, consideration of the allocation of water must be separated from the consideration of water quality standards for the Estuary. Therefore, the basis of water quality standards will be addressed in Phase I and the water allocation process will result from Phase III.

A. Agricultural Uses

What are the types and amounts of agricultural water use within the export areas?

Issues

- o How much water from the Delta is needed to support current agricultural uses within export areas, taking into consideration market economics, water conservation measures, and alternative sources of supply?
- o How much water from the Delta will be needed to support projected agricultural uses within export areas, taking into consideration market economics, water conservation measures, and alternative sources of supply?
- o What are the alternative sources of water available to meet existing and future agricultural water demands within the export areas?
- o What is the relationship between proposed changes in the operation of exporters to agricultural areas, including the Central Valley Project and State Water Project and future demands for exported water?
- B. Municipal and Industrial Uses

- o What are the types and amounts of municipal and industrial water use within the export areas?
- How much water from the Delta is needed to support current municipal and industrial uses within export areas, taking into account market economics, water conservation measures, and alternative sources of supply?
- o How much water from the Delta will be needed to support projected municipal and industrial uses within export areas, taking into account market economics, water conservation measures, and alternative sources of supply?
- o What are the alternative sources of water available to meet existing and future municipal and industrial water demands within the export areas?
- o What is the relationship between proposed changes in the operation of exporters to municipal and industrial areas, including the Central Valley Project and State Water Project and future demands for exported water?
- C. Other Uses
- o What are the types and amounts of other water uses within the export areas?
- o How much water from the Delta is needed to support current beneficial uses within export areas, taking into consideration market economics, water conservation measures, and alternative sources of supply?

- How much water from the Delta will be needed to support other projected beneficial uses within export areas, taking into account market economics, water conservation measures, and alternative sources of supply?
- o What are the alternative sources of water available to meet other existing and future water demands within the export areas?
- o What is the relationship between proposed changes in the operation of exporters for use other than agriculture, municipal and industrial, including the Central Valley Project and State Water Project and future demands for exported water?

Topic

4. Uses Upstream of the Bay-Delta Estuary

Under this topic the Board wishes to receive evidence regarding upstream water uses, reservoir operations, the State Water Project, the federal Central Valley Project, and other uses of water within the Bay-Delta hydrologic basin and estimates of future water demand. Evidence also will be received regarding alternative sources of water to meet existing and future demands. As part of this topic the Central Valley Project is asked to provide evidence regarding the effect on water uses of the changes it has proposed in its operations.

The evidence provided under this topic should include region-wide statistics and estimates of the amount of water going to various uses. The evidence should be sufficiently detailed to allow the Board to take a global perspective of the state's water uses in determining the reasonable levels of protection for the Estuary. However, consideration of the allocation of water must be separated from the consideration of water quality standards for the Estuary and will occur during Phase III.

A. Agricultural Issues

- o What are the types and amounts of agricultural water uses upstream of the Bay-Delta Estuary? .
- o How much water is needed to support current agricultural uses upstream of the Bay-Delta Estuary, taking into consideration market economics, water conservation measures and alternative sources of supply?
- o How much water will be needed to support projected agricultural uses upstream of the Bay-Delta Estuary, taking into consideration market economics and alternative sources of supply?
- o What are the alternative sources of water available to meet existing and future agricultural water demands upstream of the Bay-Delta Estuary?

B. Municipal and Industrial

Issues

- o What are the types and amounts of municipal and industrial water use upstream of the Bay-Delta Estuary?
- o How much water is needed to support current municipal and industrial uses upstream of the Bay-Delta Estuary, taking into consideration market economics, water conservation measures and alternative sources of supply?
- o How much water will be needed to support projected municipal and industrial uses upstream of the Bay-Delta Estuary, taking into consideration market economics, water conservation measures and alternative sources of supply?
- o What are the alternative sources of water available to meet existing and future municipal and industrial water demands upstream of the Bay-Delta Estuary?
- C. Other Uses

Issues

- o What are the types and amounts of other water uses upstream of the Bay-Delta Estuary?
- o How much water will be needed to support current beneficial uses upstream of the Bay-Delta Estuary, taking into consideration market economics, water conservation measures and alternative sources of supply?
- o How much water will be needed to support other projected beneficial uses upstream of the Bay-Delta Estuary taking into account market economics, water conservation measures and alternative sources of supply?
- o What are the alternative sources of supply available to meet other existing and future water demands upstream of the Bay-Detla Estuary.

Topic

5. Impacts of Freshwater Inflow on San Francisco Bay

Evidence will be received to evaluate the impacts of annual and pulse freshwater inflows on the beneficial uses of San Francisco Bay and the protection of those uses.

- o What are the various beneficial uses and key organisms of San Francisco Bay which can be shown to be influenced by freshwater inflows?
- o What are the relationships between the Bay's beneficial uses, including the key organisms inhabiting the Bay, and freshwater inflow?

- o What are the ecological benefits of freshwater inflows for key organisms inhabiting San Francisco Bay?
- o What are the relationships between freshwater inflow and the abundance of key organisms inhabiting San Francisco Bay?
- o What recreational, economic and other factors should be considered in the development of reasonable levels of protection for the beneficial uses of San Francisco Bay?
- o What are the reasonable levels of protection the Board should consider for the various beneficial uses of San Francisco Bay?
- o What are the water quality objectives the Board should consider for the various beneficial uses of San Francisco Bay?
- o At what locations should water quality objectives be established and measured?

Topic

6. Pollutants in the Bay-Delta Estuary

Evidence on impacts of pollutants is an important topic during Phase I of the Bay-Delta hearing. The Bay-Delta Estuary is a hydrologically continuous water body whose beneficial uses are subject to the combined effects of flow, salinity and pollutants. Evidence received on this topic will be used in three ways.

- a. To differentiate to the extent practical, the effects of flow and salinity on beneficial uses from the effects of pollutants; and
- b. To provide the Central Valley and San Francisco Bay Regional Water Quality Control Boards with a Bay-Delta wide scope of current information upn which they can base timely revisions to their water quality control plans (basin plans), prior to the beginning of the Phase III hearing record; and
- c. To prepare a pollutant policy document for the guidance of the two Regional Boards in revising or amending their basin plans.

- o What are the quantities, types, and sources (point and non-point) of pollutants in the Bay-Delta Estuary?
- o What were the quantities and types of pollutants in the Bay-Delta Estuary prior to the observed decline of the striped bass?
- o What are the principal persistent pollutants in the Bay-Delta Estuary?
- o What are the known links between pollutant loading and concentrations in the Bay-Delta Estuary and detrimental biological effects?

- o To what extent do pollutants currently affect species that are being reviewed by the Board for establishment of reasonable levels of protection? Such species include striped bass, chinook salmon, American shad. English sole. Bay shrimp, and Neomysis.
- o What is known about the environmental fate of pollutants; i.e., their distribution in the water column, sediment and biota (both toxicity and bioaccumulation)?
- o What pollutant loads can the Bay-Delta Estuary assimilate without causing unreasonable impacts on the aquatic ecosystems? How do freshwater inflows affect the Bay's assimilative capacity?
- o What deficiencies currently exist in the data base that may prohibit a complete evaluation of the effects of pollutants on the distribution and abundance of Bay-Delta biota?
- o What additional actions should the State and Regional Boards 2 and 5 consider to reasonably protect the Bay-Delta's beneficial uses from the effects of pollutants?

Topic

7. Program of Implementation

Evidence will be received on the implementation measures the Board should consider to achieve a chosen set of flow and salinity objectives for maintaining Bay-Delta beneficial uses. Evidence will also be received on the implementation measures the Regional Boards and other entities should consider to reasonably protect the Bay-Delta Estuary's beneficial uses from pollutants other than salinity.

The program of implementation may identify public trust values that other governmental agencies are responsible for maintaining. Where appropriate, the State Board expects responsible agencies to fulfill their obligations for the maintenance of such values.

- o What types of implementation measures should be included in the salinity control plan for the Bay-Delta Estuary to achieve a chosen set of flow and salinity objectives?
- What implementation measures should Regional Water Quality Control Boards 2 and 5 consider to achieve a chosen set of objectives that reasonably protects the beneficial uses of the Pay-Delta Estuary from pollutants?

Documents to be Entered into Evidence

The documents to be entered into evidence by the Board will be identified and available sixty days before the topic addressed by the documents will be heard.

Obtaining Personal Use Copies From Participants Producing Exhibits

Copies of any exhibit or testimony summary may be requested directly from any hearing participant producing the same. As soon as practical after the Board receives "Notice of Intent to Appear" and "Index of Exhibits" forms from hearing participants, the Board will reproduce and distribute these forms to all participants. These two forms may be used as order forms for testimony summaries and exhibits by indicating in the last column the number of copies desired, then mailing the forms and remittance to the party who originated the exhibit.

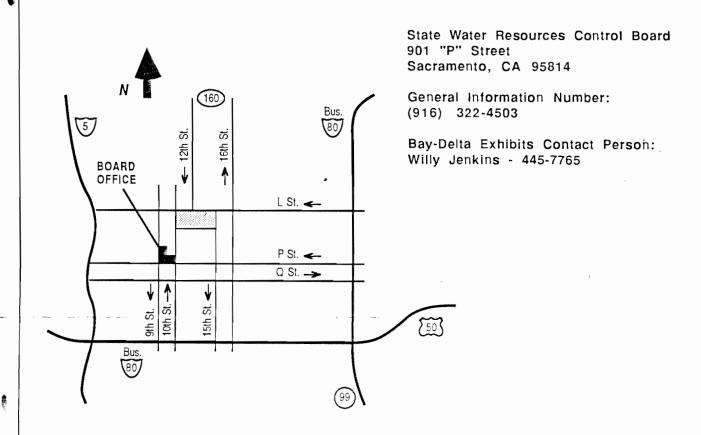
LODGING LOCATIONS OF EXHIBITS AND COPYING PROCEDURES FOR LODGED EXHIBITS

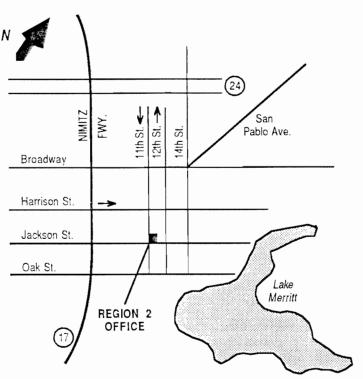
The following information is being given to assist you in finding the nearest lodging location of exhibits for the Bay-Delta hearing process. All of these locations will be utilized by the State Water Resources Control Board for the lodging of a complete set of exhibits produced by the participating parties and will be lodged there as soon as they are available to the Board.

Any interested party can call the general information number or the contact person listed to make an appointment for review of currently available materials. All parties will be required to reimburse the state for the actual cost of reproduction of documents.

Any items that cannot be reproduced at the Regional Board offices, will be sent out by the Regional Boards for reproduction. The interested parties can then pick-up and pay for their own copies either at the copying service, or at the Regional Board office.

If you have any questions regarding this procedure, please contact Mr. Leo Winternitz at (916) 324-5751 or Mr. Willy Jenkins at (916) 445-7765

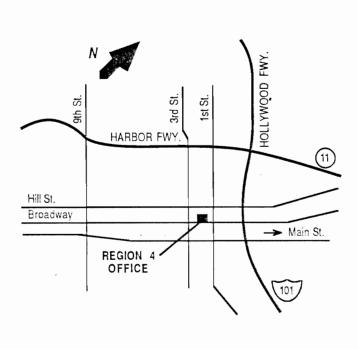




Regional Water Quality Control Board Oakland - San Francisco Bay (2) 1111 Jackson Street, Room 6040 Oakland, CA 94607

General Information Number: (415) 464-1255

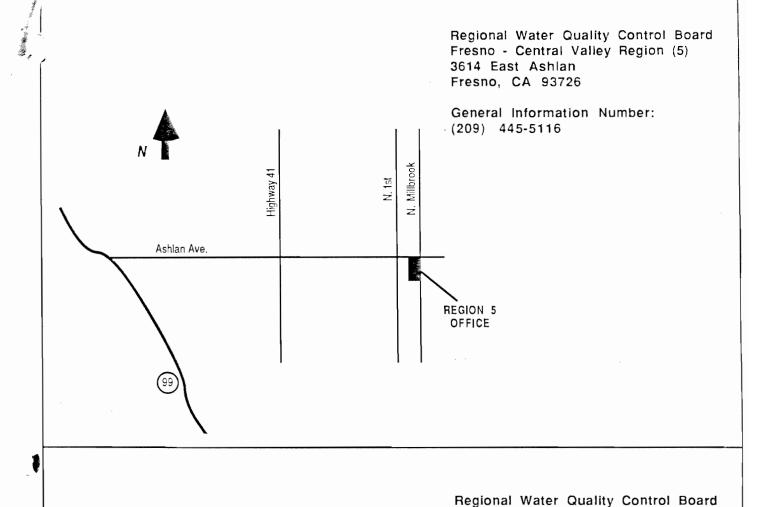
Bay-Delta Exhibits Contact Person: Michael Carlin - 464-1255

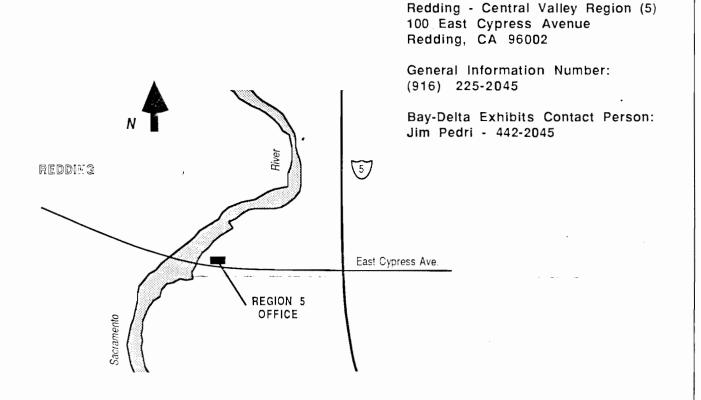


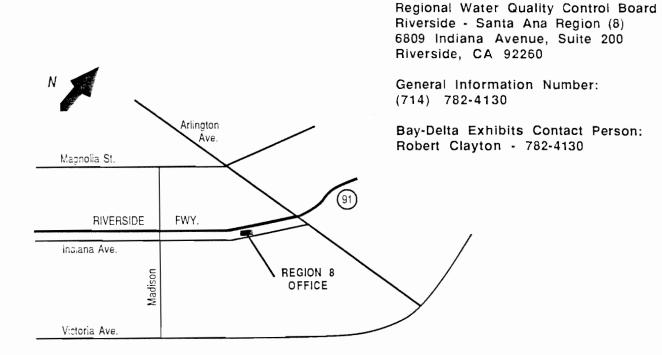
Regional Water Quality Control Board Los Angeles - Los Angeles Region (4) 107 S. Broadway, Room 4027 Los Angeles, CA 90012-4596

General Information Number: (213) 549-3147

Bay-Delta Exhibits Contact Person: Dennis Parker - 549-5522







Murphy Canyon Rd.

REGION 9 OFFICE

Clairemont Mesa Blvd.

Tierrasanta

Bivd.

Regional Water Quality Control Board San Diego - San Diego Region (9) 9771 Clairemont Mesa Boulevard San Diego, CA 92124

General Information Number: (714) 265-5114

Bay-Delta Exhibits Contact Person: Mike McCann - 265-5114

HEARING PROCESS SAN FRANCISCO BAY / SACRAMENTO - SAN JOAQUIN DELTA ESTUARY

NOTICE OF INTENT TO APPEAR

HEARING PHASE I

PARTICIPANT			F	AGE	OF
I plan to attend the water right / witnesses to testify at the hearin					
NAME	SUBJECT OF PROPOSED TESTIMONY	EST. LENGTH OF DIRECT TESTIMONY	EXPERT WITNESS YES/NO*	COST OF TESTIMONY SUMMARY	
					NACOTORIS CONTRACTORIS CONTRACT
	•				*
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(If more space is required, please add additional pages)

SEND REQUEST FOR COPIES OF TESTIMONY SUMMARIES AND REMITTANCE TO:

^{*} For each person testifying as a expert witness, please_attached a list of his/her qualifications, and assign an exhibit number for each qualification list submitted.

HEARING PROCESS SAN FRANCISCO BAY / SACRAMENTO - SAN JOAQUIN DELTA ESTUARY

INDEX OF EXHIBITS

HEARING PHASE I

PARTICIPAN	PAGE _	OF		
EXHIBIT NUMBER	DESCRIPTION / PURPOSE OF USE (For referenced exhibits, also include the title and portions relied upon)	REFERENCED YES / NO	COST	
	•			
	,			

SEND REQUEST FOR COPIES OF EXHIBITS AND REMITTANCE TO:

STATE WATER RESOURCES CONTROL BOARD

R. BONDERSON BUILDING

TREET

MENTO, CALIFORNIA 95801

(916) 324-5757



June 2, 1987

SUPPLEMENTAL NOTICE OF PUBLIC HEARING

PHASE I OF THE BAY-DELTA ESTUARY HEARING

The scheduled dates, times, topics, and places for the hearing are listed in Attachment A.

Additional days of hearing for particular topics may be announced during the hearing of a topic.

MARCH 27, 1987 NOTICE

All provisions of the Notice of Public Hearing in this matter dated March 27, 1987 remain in full force and effect except as modified herein. Anyone who wants a copy of the March 27, 1987 notice should contact one of the persons listed at the end of this notice.

SCHEDULE OF TOPICS

Attachment A lists the topics for Phase I of the hearing, their scheduled duration, their presubmittal dates, their hearing dates, and the city or area where the hearing will be held on the listed hearing dates. The dates listed in Attachment A for each topic or subtopic will not be changed except by advance written notice in a Supplemental Notice of Public Hearing. PLEASE NOTE that August 14 has been added and August 17 deleted.

If additional time is <u>necessary</u> to complete a topic or subtopic, the Board will announce during the hearing of a topic or subtopic the dates, times, and places of any continuation of the topic or subtopic. The Board has tentatively reserved some dates, and will endeavor to conduct any continuations in the same geographic area <u>before</u> the hearing dates for the next scheduled topic or subtopic.

PARTICIPATION IN TOPICS BY PARTIES WHO PRESENT NO EVIDENCE --

Several parties have inquired whether they will be able to cross-examine witnesses during the hearing on a topic for which the party does not present any direct evidence. The hearing officer will decide whether a party who does not present any direct evidence during a particular topic may participate in cross-examination. No reasonable request to conduct relevant, non-repetitive cross-examination will be denied.

However, for purposes of managing the hearing, the Board will require that requests to cross-examine witnesses be made in writing at least seven days before the first day that a topic or subtopic will be heard, and that the requests specify the witnesses to be cross-examined and the subject area for cross-examination. To facilitate identifying the witnesses and subject areas, parties can obtain Notices of Intent to Appear and Indexes of Exhibits as explained in the following paragraph. Copies of the requests shall be provided by the requestor to the parties whose witnesses will be cross-examined. The hearing officer will rule on requests to cross-examine witnesses during the hearing of the topic or subtopic.

Obtaining Notices and Indexes

Notices of Intent to Appear and Indexes of Exhibits produced by other parties will not be sent routinely to parties who do not submit Notices of Intent to Appear. Therefore, any party who does not intend to present evidence on a particular topic but nevertheless wants the information contained in the Notices and Indexes should request copies of the Notices and Indexes from Mr. Beringer or from Mr. Winternitz. Requests should be made by the presubmittal date of the topic in question. Parties should send only one copy of a request for the Notices and Indexes to the Board if the request is made in writing. The party requesting the Notices or Indexes should specify the topics for which these documents are desired. Notices and Indexes for all topics may be ordered in a single request.

NEW SUBTOPIC

A new Subtopic G has been added under Topic 2, "Uses Within the Bay-Delta Estuary". The new subtopic is "Recreational and Other Uses". Under this subtopic the Board will receive evidence regarding recreational and other uses within the Bay-Delta Estuary, including boating and other uses upon which the parties wish to provide evidence.

Two days, December 8 and 9, have been scheduled to receive evidence on the new subtopic. The presubmittal date for written summaries of testimony and exhibits is October 13, 1987.

SUBMISSION OF EXHIBITS

Parties must ensure that their exhibits are received by the Board by 5:00 p.m. on the presubmittal date for the relevant topic. This applies to both the 38 copies of non-referenced exhibits and the one copy of referenced exhibits. Any exhibits, Notices of Intent to Appear, and Indexes of Exhibits received late may not be distributed.

IDENTIFICATION OF PARTICIPANTS

All participants who supply Notices of Intent to Appear or Indexes of Exhibits are required to type or stamp their name and address at the bottom of these

forms under the language, "SEND REQUEST FOR COPIES OF ... AND REMITTANCE TO:". Without this information, parties who want popies of submitted materials will find it difficult to contact the producers of the materials.

NUMBERING OF EXHIBITS

Exhibits to be offered by reference as well as non-referenced exhibits must be numbered in the Index of Exhibits by the participant. The exhibits for topics after the first topic shall be numbered in sequence after the previously submitted exhibits, i.e., they should not start over again with "1".

CHANGE IN REGIONAL CONTACT PERSON FOR BAY-DELTA EXHIBITS

Instead of Dennis Parker, Dennis Dasker will be the contact person for Bay-Delta exhibits in Los Angeles at the offices of the Regional Water Quality Control Board for Region 4. Mr. Dasker's telephone number is (213) 620-4460.

QUESTIONS; MATERIALS

If you want copies of the Notice of Public Hearing dated March 27, 1987, the workplan, or the Notices of Intent to Appear and the Indexes of Exhibits, please call David Beringer, Program Manager, at (916) 322-9870, or Leo Winternitz, Senior Environmental Specialist, at (916) 324-5751. If you have questions about this notice, please call Mr. Beringer, Mr. Winternitz, or Barbara Leidigh, Senior Staff Counsel. Ms. Leidigh can be reached at (916) 324-5757.

INFORMATION NUMBER

During the hearing, parties may call a telephone recording for daily information on topics being heard, witnesses expected to be heard on a given day, and any continuation dates that have been announced. A member of the Board's staff will update the recording daily during the hearing. The telephone number to call for this service is (916) 323-1104. This service will commence immediately.

Maureen Marche'

Administrative Assistant to the

State Water Resources Control Board

Date:

Attachment

HEARING SCHEDULE AND LOCATION

DATE	TIME	TOPIC	PRE- SUBMITTAL DATE	LOCATION
July 7, 8, 9	9:00 AM	Hydrologic Conditions \	May 8	Sacramento Inn Comstock Room Sacramento
July 21, 22, 23	9:00 AM	Bay-Delta Estuary Uses: 1 Municipal & Industrial	May 22	Resources Building First Floor Auditorium Sacramento
July 27, 29, 30, 31	9:00 AM	Bay-Delta Estuary Uses: 5 Agriculture	May 28	Resources Building First Floor Auditorium Sacramento
y 30	7:30 PM	Policy Statements		Resources Building First Floor Auditorium Sacramento
Aug 11, 12,13, 14	9:00 AM	Mote that Exp Export Uses: Wan 7 the loca Municipal & Industrial 12 in Coord	ordune 12 order.Litteeso	Registry Hotel が、 Irvine
Aug 12	7:30 PM	Policy Statements		Registry Hotel Irvine
Aug 24,	9:00 AM	9 Export Uses: Last Told in Agriculture & Other (Itald in	resource 25	Piccadilly Inn Concourse Ballroom Fresno
Aug 25	7:30 PM	Policy Statements	·	Piccadilly Inn Concourse Ballroom Fresno
Aug 26	9:00 AM	Export Uses: Agriculture & Other	June 25	Piccadilly Inn Commerce Room Fresno
pt 8, 9, 10	9:00 AM	Bay-Delta Estuary Use: & Wildlife	July 10	Sacramento

HEARING SCHEDULE AND LOCATION

DATE	TIME	TOPIC	PRE- SUBMITTAL DATE	LOCATION
Sept 14	9:00 AM	Uses Upstream of Estuary 7	July 16	Redding
Sept 14	7:30 PM	Policy Statements		Redding
Sept 21, 22, 23	9:00 AM	Bay-Delta Estuary Uses: S Chinook Salmon Fishery	July 23	Sacramento
29,	9:00 AM	Bay-Delta Estuary Uses: Other Migrating and Resident Fish	July 31	San Francisco Bay Area
Sept 29	7:30 PM	Policy Statements		San Francisco Bay Area
Oct 13, 14, 15, 16	9:00 AM	Bay-Delta Estuary Uses: Striped Bass Fishery ,0	Aug 14	Sacramento
Oct 26, 27, 28, 29	9:00 AM	Pollutants in the Bay- Delta Estuary \\	Aug 27	Sacramento
Oct 28	7:30 PM	Policy Statements		Sacramento
Nov 9, 10	9:00 AM	Pollutants in the Bay- Delta Estuary	Aug 27	San Francisco Bay Area
23,	9:00 AM	Impacts of Freshwater (5) Inflow on San Francisco Bay	Sept 24	San Francisco Bay Area

HEARING SCHEDULE AND LOCATION

DATE	TIME	TOPIC	PRE- SUBMITTAL DATE	LOCATION
Dec 8,	9:00 AM	1억 Bay-Delta Estuary Uses: Recreational and Other Uses	Oct 13	Sacramento
Dec 10, 14,15, 21,22	9:00 AM	Program of Implementation	Oct 13	Sacramento
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STATE WATER RESOURCES CONTROL BOARD

PAUL R. BONDERSON BUILDING 901 P STREET P.O. BOX 100 SACRAMENTO, CALIFORNIA 95801 (910) 323-1104



SECOND SUPPLEMENTAL NOTICE OF PUBLIC HEARING

PHASE I OF THE BAY-DELTA ESTUARY HEARING

The remaining scheduled dates, times, topics, and places for the hearing are listed in Attachment A.

Additional days of hearing for particular topics may be announced during the hearing of a topic.

MARCH 27, 1987 AND JUNE 2, 1987 NOTICES

All provisions of the Notice of Public Hearing in this matter dated March 27, 1987 and of the Supplemental Notice of Public Hearing dated June 2, 1987 remain in full force and effect except as modified herein. Anyone who wants a copy of the March 27, 1987 notice or the June 2, 1987 notice should contact one of the persons listed at the end of this notice.

PARTICIPATION IN TOPICS BY PARTIES WHO PRESENT NO EVIDENCE

This notice modifies the rule regarding notice of requests to cross-examine set forth in the June 2, 1987 Supplemental Notice of Public Hearing, as follows: Parties who do not present evidence will not be required to specify in advance the witnesses they wish to cross-examine or the subject areas of their cross-examination; however, they should advise the Board of their request to cross-examine at least seven days before the first relevant hearing date. A single letter to the Board will be sufficient to specify a request to cross-examine on all topics during Phase 1.

SUBMISSION OF RÉQUESTED MATERIALS

During Phase I of the Bay-Delta Estuary Hearing, when a participant requests on the record additional documentation on a particular point, and the party from whom the participant requests the documentation agrees to provide it, the party providing the documentation shall within fifteen days provide a copy to each of the parties appearing during the session when the request was made and shall provide thirty-eight copies of each document to the Board for distribution to the lodging locations, together with thirty-eight copies of a list of the provided documents. The party shall state on the list when each document was requested and the exhibit or testimony to which each provided document pertains.

If any party, including the provider, or the Board or the Board's staff wants a provided document to be made a part of the hearing record for Phase I, the party, Board, or Board's staff shall file a written motion with the Board within fifteen days after receiving the document, requesting that the document be admitted as an exhibit of the moving party. The moving party shall specify an exhibit number. Copies of the motion shall be sent to each of the parties who appeared during the session when the request was made. If within twenty days after the motion is filed no party objects and states the bases for the objection and the means to resolve the objection — such by the cross-examination regarding the document — the document will be admitted as an exhibit. If an objection is filed, the Board will consider the objection and, if necessary, set a time for cross-examination regarding the document.

AVAILABILITY OF BAY-DELTA HEARING DATA

A number of data sets which may become SWRCB exhibits by reference in the Bay-Delta hearing are available for retrieval by the parties from the Environmental Protection Agency's (EPA) National Computing Center (NCC) in North Carolina. The data sets are on STORET, the EPA's storage and retrieval system for water quality and other environmental data, and on other NCC files. These data sets were compiled as part of an ongoing research effort on the San Francisco Bay/Sacramento-San Joaquin Delta Estuary, and they contain extensive records of environmental water quality, flow and fisheries data for the Estuary.

A booklet is available describing the content and scope of the data sets, contact persons, types of data retrievals obtainable, conditions under which retrievals will be done, and other information. The booklet is available from James E. Sutton, whose telephone number is (916) 322-9874.

SUPPLEMENT TO STAFF SUMMARY FOR HEARING

The Staff Summary for Hearing, which was attached to the March 27, 1987 Notice of Public Hearing, is supplemented by a discussion of the added subtopic on "Bay-Delta Estuary Uses: Recreation and Other", which was announced in the June 2, 1987 notice. The supplemental summary is set forth in Attachment B.

NEW LODGING LOCATIONS

Two new lodging locations have been added for copies of exhibits, indexes, notices of intent to appear, and summaries of direct testimony. One set is lodged at each of the new locations. Directions to the locations are contained in Attachment C.. The locations are (1) University of California, Berkeley, Water Resources Center Archives (Gerald Giefer and Susan Munkres are the contact persons; their telephone number is (415) 642-2666), and (2) Environmental Protection Agency References Library in San Francisco (telephone (415) 974-8076).

OBTAINING TRANSCRIPTS

If you want copies of the transcript of the hearing, please contact Alice Book, Certified Shorthand Reporter, P. O. Box 710, Columbia, CA 95310, at (916) 457-7326 or (209) 532-2018.

ORDERING COPIES OF NOTICES AND INDEXES

If you want copies of the Notice of Intent to Appear and Indexes of Exhibits for all hearing sessions in Phase I, please submit a single copy of a written request to Mr. Beringer, Bay-Delta Program, P. O. Box 2000, Sacramento, CA 95810.

QUESTIONS: MATERIALS

If you want copies of the Notice of Public Hearing dated March 27, 1987, the June 2, 1987 Supplement Notice of Public Hearing, the workplan, or the Notices of Intent to Appear and the Indexes of Exhibits, please call David Beringer, Program Manager, at (916) 322-9870, or Leo Winternitz, Senior Environmental Specialist, at (916) 324-5751. If you have questions about this notice, please call Mr. Beringer, Mr. Winternitz, or Barbara Leidigh, Senior Staff Counsel. Ms. Leidigh can be reached at (916) 324-5757.

Maureen Marche

Administrative Assistant to the

State Water Resources Control Board

Date:

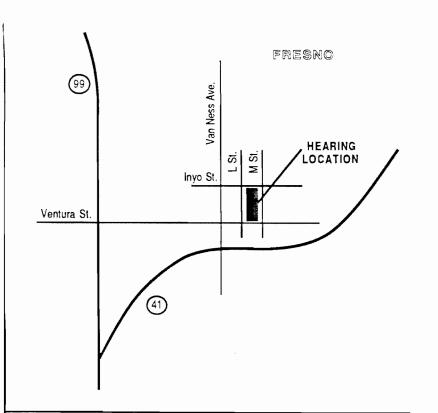
AUG 1 9 1987

HEARING SCHEDULE AND LOCATION

DATE	TIME	TOPIC	PRE- SUBMITTAL DATE	LOCATION
Aug 11, 12, 13, 14	9:00 AM	Export Uses: Municipal & Industrial	June 12	Registry Hotel Irvine
Aug 12	7:30 PM	Policy Statements		Registry Hotel Irvine
Aug 24, 25	9:00 AM	Export Uses: Agriculture & Other	June 25	Holiday Inn Center Plaza Fresno
Aug 25	7:30 PM	Policy Statements		Holiday Inn Center Plaza Fresno
Aug 26, 27, 28	9:00 AM	Export Uses: Agriculture & Other	June 25	Holiday Inn Center Plaza Fresno
Sept 8, 9, 10	9:00 AM	Bay-Delta Estuary Use:	July 10	Resources Building First Floor Auditorium Sacramento
Sept 14, 15, 16	9:00 AM	Uses Upstream of Estuary	July 16	Red Lion Inn Redding
Sept 14	7:30 PM	Policy Statements		Red Lion Inn Redding
Sept 21, 22. 23	9:00 AM	Bay-Delta Estuary Uses: Chinook Salmon Fishery	July 23	Resources Building First Floor Auditorium Sacramento
Sept 29, 30	9:00 AM	Bay-Delta Estuary Uses: Other Migrating and Resident Fish	July 31	Contra Costa WD Offices Concord

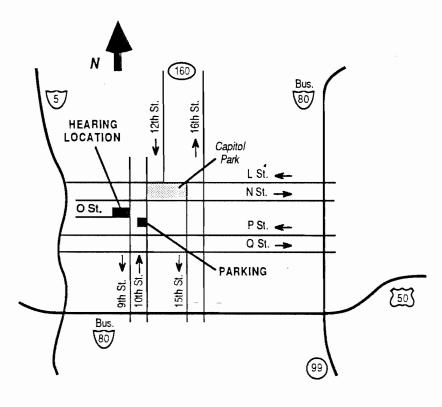
HEARING SCHEDULE AND LOCATION

DATE	TIME	TOPIC	PRE- SUBMITTAL DATE	LOCATION
Sept 29	7:30 PM	Policy Statements		Contra Costa WD Offices Concord
Oct 13, 14, 15, 16	- 9:00 AM	Bay-Delta Estuary Uses: Striped Bass Fishery	Aug 14	Resources Building First Floor Auditorium Sacramento
Oct 26, 27, 28, 29	9:00 AM	Pollutants in the Bay- Delta Estuary	Aug 27	Resources Building First Floor Auditorium Sacramento
Oct 28	7:30 PM	Policy Statements		Resources Building First Floor Auditorium Sacramento
Nov 9, 10	9:00 AM	Pollutants in the Bay- Delta Estuary	Aug 27	Contra Costa WD Offices Concord
Nov 23, 24, 25	9:00 AM	Impacts of Freshwater Inflow on San Francisco Bay	Sept 24	Contra Costa WD Offices Concord
Dec 8,	9:00 AM	Bay-Delta Estuary Uses: , Recreational and Other Uses	Oct 13	Resources Building First Floor Auditorium Sacramento
Dec 10. 14, 15, 21, 22	9:00 AM	Program of Implementation	Oct 13	Resources Building First Floor Auditorium 'Sacramento
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				ATTACUMENT



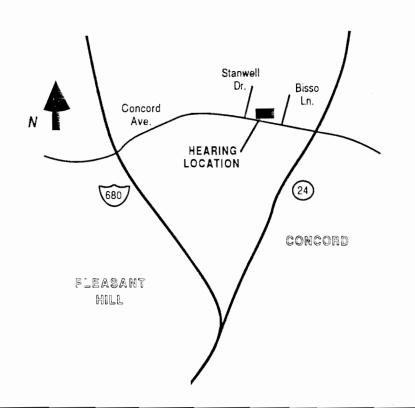
Centre Plaza Holiday Inn 2233 Ventura Ave. Fresno, CA 93721 (209) 268-1000

Hearing Location: Conference Center

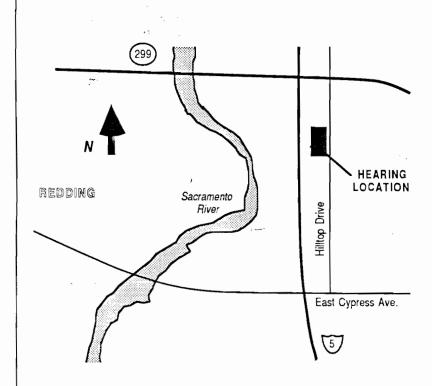


State Resources Building 1416 Ninth Street Sacramento, CA 95814 (916) 445-3758

Hearing Location: First Floor Auditorium



Contra Costa Water District 1331 Concord Ave. Concord, CA 94520 (415) 674-8000



Red Lion Motor Inn 1830 Hilltop Drive Redding, Ca. 96002 (916) 221-8700

Hearing Location: Banquet Room

HEARING PROCESS

SAN FRANCISCO BAY SACRAMENTO - SAN JOAQUIN DELTA ESTUARY

STAFF SUMMARY FOR HEARING

HEARING PHASE I

STATE WATER RESOURCES CONTROL BOARD

ADDED SUBTOPIC FOR STAFF SUMMARY OF HEARING

G. Recreational and Other Uses

Evidence on the types of recreational and other associated uses within the Bay-Delta Estuary will be received. Evidence will also be received on the reasonble water needs for continuance of associated recreational uses.

Issues

- o What recreational uses, including water contact, occur in the Bay-Delta Estuary.
- o What recreational, economic and other factors should be considered by the Board in developing reasonable levels of protection for recreational uses.
- o What are reasonable water quality objectives for recreational uses in the Bay-Delta Estuary.
- o What actions in addition to the establishment of water quality objectives should the Board or Regional Board 2 and 5 consider to achieve reasonable levels of protection for the individuals participating in these recreational uses.

University of California, Berkeley Water Resources Center Archives 410 O'Brien Berkeley, CA 94720

Bay-Delta Exhibits Contact Person: Gerald Giefer or Susan Munkres (415) 642-2666

